

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-084-21
LIVINGSTON QUADRANGLE
91 KENTUCKY
N3715-W8400/15
DIAGRAM NJ 16-9
WINCHESTER

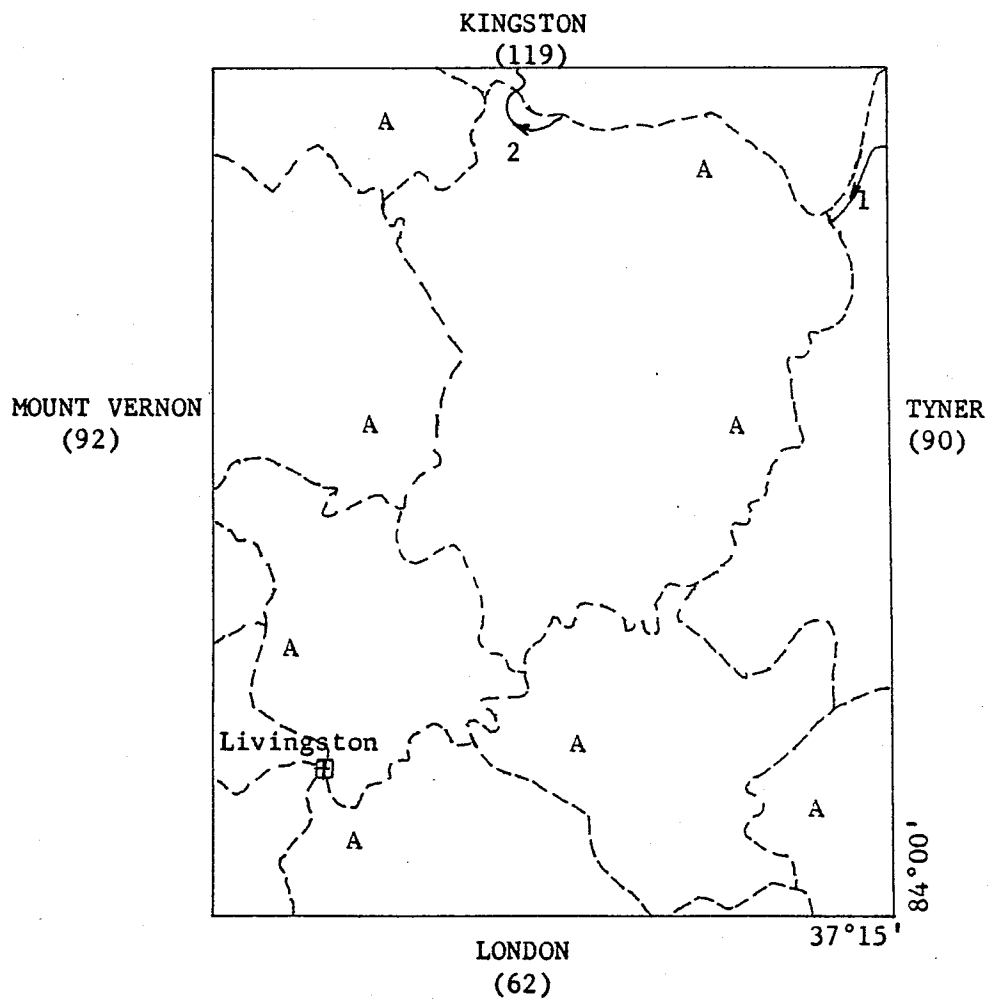
Jackson, Laurel, and
Rockcastle Counties

Final adjustment of 1951

Edition of 4/4/74

PR: WSM/mid

Only the permanent marks are
listed for lines run more
than 25 years before edition
date.



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370842

91 KENTUCKY
LIVINGSTON QUADRANGLE

37-084-21
N3715-W8400/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
TT 41 EV 1097 1950	3
<u>NGS</u>	
P 42 1935	3
S 42 1935	3

LINE 1.Feet

By, W. N. Runnels, 1950; Book AV 152

7	6	25.79	McKee Courthouse, 2.6 mi NW. of, along U.S. Highway 421, thence 1.4 mi NE. along Sand Lick Creek rd.; 81 ft N. of NW. corner of Kenoda Sandin residence; 14 ft E. of center of rd.; 4 ft SE. and inside NW. corner of garden; in concrete post; standard tablet stamped "TT 41 EV 1097 1950" (Tied by NGS, 1950)	1096.474
7	7	25.79	Reference mark; 334 ft S. of tablet; 15 ft E. of, and 4 ft higher than center of rd.; in root on N. side of 10-in hickory tree; copper nail and washer	1105.44
7	9	27.25	"S 42 1935" (NGS)	1025.766

LINE 2.

By, G. Baird, 1950; Book AV 148

4	1	0.00	"P 42 1935" (NGS)	1190.637
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HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-084-21
LIVINGSTON QUADRANGLE
91 KENTUCKY
N3715-W8400/15
DIAGRAM NJ 15-9
WINCHESTER

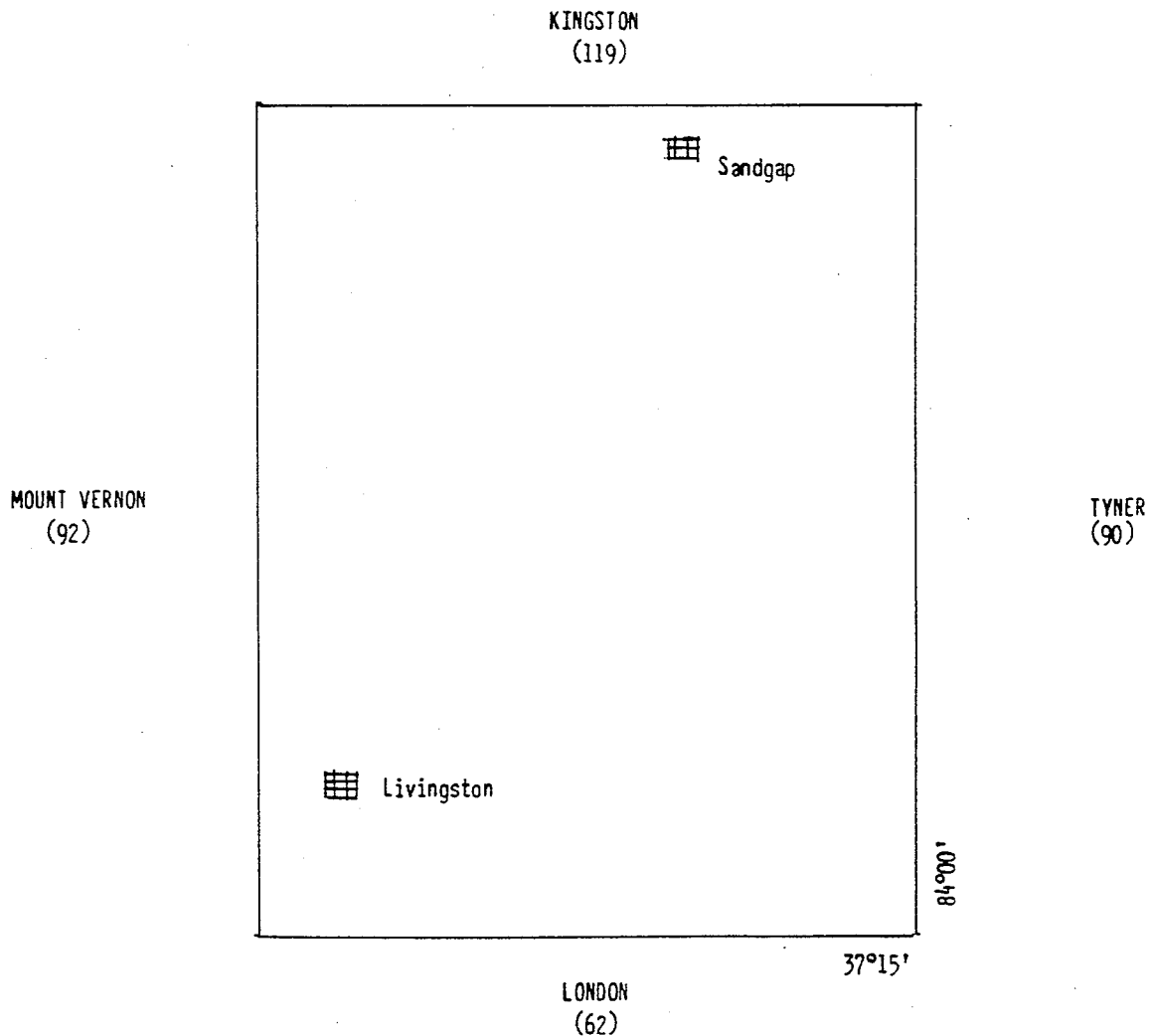
Jackson, Laurel, and Rockcastle Counties

Edition of 6/30/77

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

TT 41 EV 1950 1097	3
TT 17 DWP 1951	4
TT 18 DWP 1951	4
TT 20 DWP 1951	4
TT 31 DWP 1951	4
TT 33 DWP 1951	5
TT 34 DWP 1951	5

NGS

V 39 1935 909.778	5
X 39 1935	5
S 42 1935 1025.766	3
T 42 1935 1025.470	4
Z 47 1935 904.491	5
A 48 1935 889.237	5
E 163 1950 1333.734	6
F 163 1950 1271.402	5
Y 163 1950 1016.642	3
Z 163 1950 1011.251	3
Z 179 1950 1335.306	4
A 180 1950 956.425	4
A 182 1950 1194.679	3
B 182 1950 1210.798	3

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		O I N	O I N

The following positions are considered OBSOLETE. To be used to locate permanent marks in the field.

By M. L. Bennett, 1951; Books MS 30342-43

Victory, 1.0 mi NW. of, along State Highway 490; 0.1 mi SE. of McCollums Store and service station; at SE. edge of small clearing; 50 ft SW. of, and 1 ft lower than centerline of hwy.; 138 ft NW. of junction of driveway NE. to white frame house; 42 ft SE. of 12-in. forked hickory tree; 17 ft W. of 12-in. pine tree with triangular blaze; in concrete post; NGS standard disk stamped "B 182 1950 1210.798"

X = 2,477,007	Y = 342,990	37 15 50.57	84 06 38.78
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Victory, 0.2 mi S. of post office, along State Highway 490; 302 ft N. of junction of graveled rd. SE.; 48 ft E. of, and 1 ft higher than centerline of hwy.; 51 ft SE. of southernmost one of two 20-in. oak trees; 36 ft W. of 14-in. oak tree; 10 ft W. of 18-in. oak tree; in concrete post; NGS standard disk stamped "A 182 1950 1194.679"

X = 2,481,509	Y = 339,615	37 15 16.42	84 05 43.83
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By J. A. Evans, 1950; Book AH 168

McKee, 2.6 mi NW. of courthouse, along U. S. Highway 421, thence 1.4 mi N. along rd. up Sand Lick Creek; 14 ft E. of centerline of rd.; 81 ft N. of NW. corner of residence of Keneda Sandlin; 4 ft SE. and inside NW. corner of garden; in concrete post; standard tablet stamped "T 41 EV 1950 1097"

X = 2,505,206	Y = 419,530	37 28 22.24	84 00 32.58
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McKee, 2.8 mi NW. of courthouse, along U. S. Highway 421; 675 ft W. of junction of rd. NE.; 30 ft N. of centerline of hwy.; 78 ft W. of N. end of pipe culvert with concrete headwalls; in concrete post; NGS standard disk stamped "S 42 1935 1025.766"

X = 2,501,298	Y = 413,523	37 27 23.57	84 01 22.41
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By D. W. Pinkston, 1951; Book AH 224

McKee, 1.8 mi NW. of courthouse, along U. S. Highway 421; 18 ft NE. of, and level with centerline of hwy.; in SE. end of NE. concrete headwall of bridge over creek; NGS standard disk stamped "Y 163 1950 1016.642"

X = 2,503,844	Y = 409,693	37 26 45.25	84 00 51.70
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McKee, 1.0 mi NW. of courthouse, along U. S. Highway 421; 105 ft SE. of SE. corner of two-story farmhouse; 20 ft E. of, and 1 ft lower than centerline of hwy.; in N. end of E. concrete headwall of culvert; NGS standard disk stamped "Z 163 1950 1011.251"

X = 2,505,427	Y = 405,717	37 26 05.65	84 00 32.99
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

McKee; 195 ft E. of city limit sign; 27 ft S. of centerline of U. S. Highway 421; 24 ft NW. of NW. corner of residence of R. M. Bradshaw; 1 ft N. of fence; in concrete post; NGS standard disk stamped "T 42 1935 1025.470"

X = 2,507,377 Y = 403,914 37 25 47.47 84 00 09.22

McKee, 1.5 mi SW. of courthouse, along State Highway 290; 100 ft S. of residence of Blay Bryant; 27 ft S. of centerline of rd. at junction of private drive NE.; 13 ft NE. of, and 1 ft higher than centerline of rd.; 2 ft W. of wire fence; in concrete post; standard tablet stamped "T 17 DWP 1951"

X = 2,505,732 Y = 399,044 37 24 59.63 84 00 30.74

McKee, 3.0 mi S. of courthouse, along State Highway 290; 1.3 mi N. of small stone building in field; on N. side of rd.; 57 ft NE. of U. S. Forest Service marker No. 19; 200 ft W. of state hwy. marker; 42 ft N. and 10 ft E. of point of grass formed by junction of Y-rd.; in concrete post; standard tablet stamped "T 18 DWP 1951"

X = 2,507,015 Y = 391,954 37 23 49.31 84 00 16.46

Bond, 3.9 mi NW. of; 0.7 mi N. of Pine Flat Schoolhouse; 150 ft N. of junction of Y-rd.; 11 ft E. of twin white oak trees; in concrete post; standard tablet stamped "T 20 DWP 1951"

X = 2,507,108 Y = 378,476 37 21 36.05 84 00 18.39

By D. W. Pinkston, 1951; Book AH 224

Livingston, 0.5 mi SW. of, along U. S. Highway 25, thence 3.6 mi SW. along Sand Hill Road; 2.0 mi S. of block church; 2.2 mi N. of Rocky Ford Schoolhouse; 20 ft N. and 25 ft E. of centerline of rd.; in SW. corner of yard of Ed Tackett; in concrete post; standard tablet stamped "T 31 DWP 1951"

X = 2,439,824 Y = 342,476 37 15 51.61 84 14 18.82

Livingston, 0.5 mi S. of Louisville and Nashville Railroad station, along U. S. Highway 25, thence 1.4 mi SW. along dirt rd.; 0.3 mi E. of junction of rd. S. to lookout tower and small concrete block church building; 275 ft E. of imitation red brick house; 35 ft E. of centerline of N. tangent of rd.; 12 ft N. of centerline of dim rd. E. and extended centerline of W. tangent of rd.; 15 ft E. of 36-in. oak tree; 3 ft W. of fenceline; in fence; in concrete post; NGS standard disk stamped "Z 179 1950 1335.306"

X = 2,439,438 Y = 351,172 37 17 17.64 84 14 21.88

Livingston, 0.5 mi S. of L. & N. RR. station, along U. S. Highway 25, thence 0.6 mi W. along dirt rd.; near bottom of long steep hill; 15 ft S. of centerline of rd.; 47 ft N. of NE. corner of house owned by Jim Whittaker; 36 ft N. of N. face of porch; 7 ft NE. of E. one of two small poplar trees; 6 ft S. of centerline of small creek; in sandstone outcrop; in creekbed; NGS standard disk stamped "A 180 1950 956.425"

X = 2,441,669 Y = 353,342 37 17 38.74 84 13 53.85

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Livingston; 750 ft SW. of overhead bridge; 180 ft SW. of L. & N. RR. station; 7 ft W. of fence; in concrete post; NGS standard disk stamped "A 48 1935 889.237"

X = 2,446,843 Y = 354,267 37 17 47.06 84 12 49.64

Sinks, 1.9 mi S. of station, along L. & N. RR.; 660 ft E. of bridge over creek; 8 ft N. of, and 4 ft higher than N. rail of track; in N. side of W. end of tunnel; NGS standard disk stamped "Z 47 1935 904.191"

X = 2,440,755 Y = 358,629 37 18 31.16 84 14 04.10

Sinks; on Cincinnati Division of L. & N. RR.; 10 rails N. of junction of Lebanon Branch; 10 rails S. of centerline of dirt rd. crossing; 7 ft E. of, and 1 ft lower than E. rail of track; in signal relay block; NGS standard disk stamped "X 39 1935" (Not found, 1953)

X = 2,440,894 Y = 367,838 37 20 02.18 84 14 00.56

Brush Creek, 2.4 mi S. of station, along L. & N. RR.; 489 ft SE. of crossroads; 9 ft SW. of, and 2 ft lower than SW. rail of track; at bridge over creek; in SE. abutment; NGS standard disk stamped "V 39 1935 909.778"

X = 2,440,431 Y = 376,484 37 21 27.73 84 14 04.60

Orlando, 4.0 mi NE. of post office, along Orlando-Climax rd.; 4.0 mi SW. of Climax; at Johnetta Schoolhouse; 20 ft S. and 5 ft E. of centerline of rd. at junction of drive to school; 2 ft S. and 2 ft W. of fence corner; in concrete post; standard tablet stamped "TI 33 DWP 1951"

X = 2,435,563 Y = 399,812 37 25 19.12 84 15 00.28

Climax, 1.9 mi SW. of; 1.0 mi S. of Hardshell Christian Church; 400 ft N. of concrete bridge over stream; 33 ft W. of, and 3 ft higher than centerline of rd.; 3 ft N. of fence along N. side of cleared field; in concrete post; standard tablet stamped "TI 34 DWP 1951"

X = 2,439,048 Y = 408,960 37 26 49.02 84 14 15.27

Climax, 0.5 mi SW. of, along graveled rd.; 0.4 mi E. of Forsythe Store; 16 ft SE. of, and 1 ft higher than centerline of NE.-SW. rd. in line with extended centerline of rd. W.; 72 ft SW. of SW. corner of house; 51 ft SSW. of 6-in. black walnut tree; 38 ft NE. of low-forked 20-in. oak tree in fence corner; 2 ft NW. of wire fence; in concrete post; NGS standard disk stamped "F 163 1950 1271.402"

X = 2,441,043 Y = 415,072 37 27 49.12 84 13 49.30

91 KENTUCKY
LIVINGSTON QUADRANGLE

37-084-21
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Climax, 0.5 mi SW. of, along graveled rd., thence 0.9 mi NW.; 0.6 mi W. of Forsythe Store; 0.3 mi W. of top of grade; 0.4 mi E. of junction of small rd. N. and bridge over small stream; 10 ft N. of, and 4 ft higher than centerline of rd.; on outside of curve; in slanting rock outcrop; MGS standard disk stamped "E 163 1950 1333.734"

X = 2,437,824	Y = 417,681	37 28 15.42	84 14 28.72
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